



SL20 Parts Manual

Phase 7 and Phase 8

HSI

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Retain This Manual In A Safe Place For Future Reference

This product embodies advanced concepts in engineering, design, and safety. If this product is properly maintained, it will provide many years of safe, efficient, and trouble free operation.

ONLY properly licensed technicians should service this equipment.

OBSERVE ALL SAFETY PRECAUTIONS displayed on the equipment or specified in the installation manual included with the dryer.

The following “FOR YOUR SAFETY” caution must be posted near the dryer in a prominent location.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

POUR VOTRE SÉCURITÉ

Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables à proximité de cet appareil ou de tout autre appareil.

We have tried to make this manual as complete as possible and hope you will find it useful. The manufacturer reserves the right to make changes from time to time, without notice or obligation, in prices, specifications, colors, and material, and to change or discontinue models.

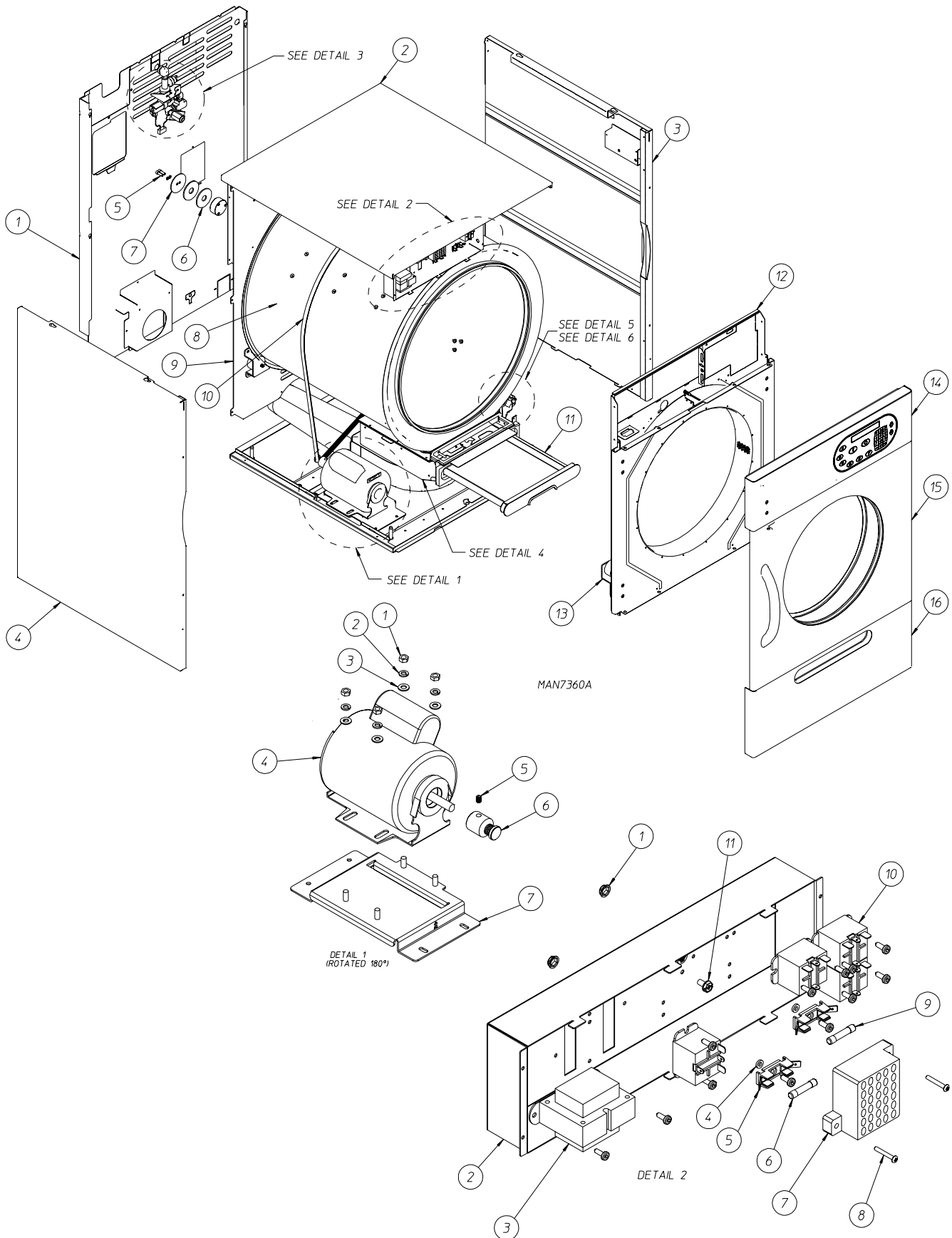
Important

For your convenience, log the following information:

DATE OF PURCHASE _____ MODEL NO. **SL20**

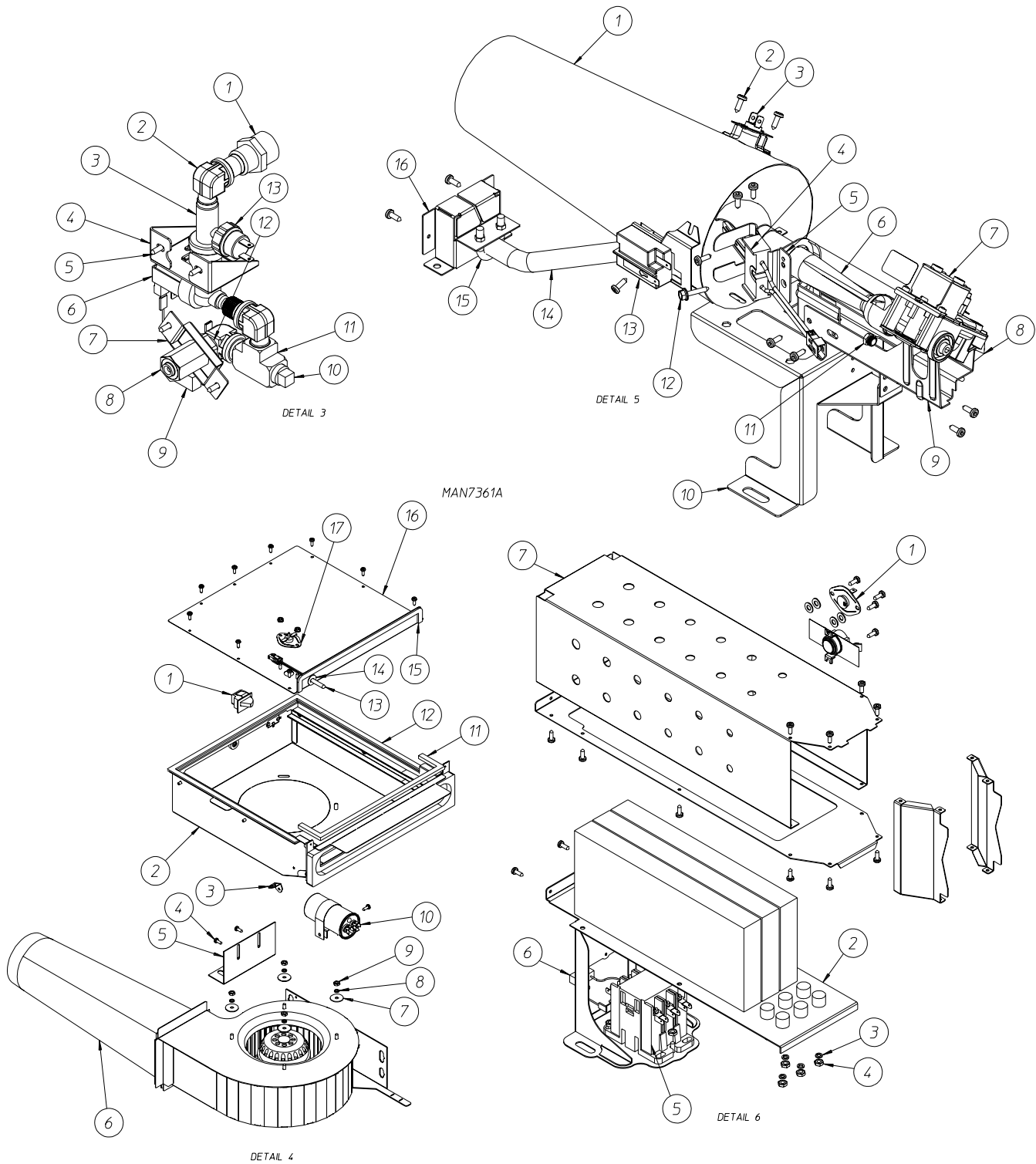
RESELLER'S NAME _____

Serial Number(s) _____



Parts List

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	818770	1	Back Guard Assembly
	319125	1	Back Guard
	319116	1	Junction Box Cover
	319311	1	Sail Switch Back Guard Cover
2	818771	1	Top Panel Assembly
	818751	1	Base Assembly
	828028	4	Leveling Leg and Nut Assembly
3	818757	1	Right Side Assembly
4	818756	1	Left Side Assembly
5	150445	2	1/4-20 x 3/4" SHCS, Black
6	153048	1	Inner Friction Pad
7	318891	1	Dual Screw Backup Washer
8	818715	1	Tumbler Assembly Phase 7
	818115	1	Tumbler Assembly Phase 8
	115906	1	Front Tumbler Felt
	115910	1	Rear Tumbler Felt
9	401010	1	Adhesive
	818762	1	Gas Rear Support Panel Assembly
	818764	1	Electric Rear Support Panel Assembly
	818728	1	Left Rear Wheel Assembly
	818729	1	Right Rear Wheel Assembly
	180050	4	Support Wheel
	122200	1	Sail Switch
	819188	1	Axial Probe Assembly
	100197	1	Auto Tension Belt
	819345	1	Cold Rolled Steel Lint Drawer Assembly
11	818802	1	Stainless Steel Lint Drawer Assembly Oval
	818777	1	Cold Rolled Steel Front Assembly Phase 7
12	818778	1	Stainless Steel Front Assembly Phase 7
	819667	1	Cold Rolled Steel Front Panel Assembly Phase 8
	819665	1	Non-Coin Front Panel Assembly Phase 8
	818206	1	Rotation Sensor Assembly Phase 7
	819194	1	Rotation Sensor Assembly Phase 8
13	818713	1	Front Right Wheel Assembly
	818714	1	Front Left Wheel Assembly
14	112304	1	Solaris Logo
	818826	1	Non-Coin Phase 7.5 Top Control Panel
	818788	1	Coin Phase 7.3 Control Panel
	818903	1	Stainless Steel Top Panel for Bottom Control Phase 7
	818901	1	Cold Rolled Steel Control Panel for Bottom Controls Phase 7
	154061	1	Universal Clip for Panels
	183129	1	TORX Head Truss Screw for Panels
	818372	1	Door Switch Assembly Phase 7
	112580	1	Phase 7 Non-Coin Keypad
	112575	1	Phase 7 Coin Keypad
	818821	1	Coin Vault with Top Control Phase 7 and Phase 8
	818781	1	Coin Vault with Bottom Control Phase 7 and Phase 8
	818232	1	0.25 Cent Coin Acceptor Assembly Phase 7
	818213	1	0.25 Cent Coin Acceptor Assembly Phase 8
	125915	1	Coin Box with 2 Keys
	887012	1	Phase 7.3.2 Coin Board with S.A.F.E. and H ₂ O SW
	887020	1	Phase 7.5 Non-Coin Board with S.A.F.E.
	137250	1	Phase 7 Coin Ribbon Cable
	137270	1	16" x 1" Character Display Phase 7
15	818831	1	Cold Rolled Steel Hinge Left Door Assembly with Double Glass Phase 7
	818832	1	Stainless Steel Hinge Right Door Assembly with Double Glass Phase 7
	819392	1	Cold Rolled Steel Hinge Right Door Assembly Phase 8
	170230	1	Stainless Handle Phase 7
	170233	1	Door Handle Phase 8
	103067	2	Concealed Hinge
16	150328	4	1/4-20 x 1" Phillips Screw
	150321	4	#10-32 x 1/2" Phillips Head Machine Screw
	818834	1	Cold Rolled Steel Toe Panel with Non-Coin Phase 7.5 Bottom Control
	818866	1	Stainless Steel Toe Panel Non-Coin Phase 7.5 Bottom Control
	818797	1	Toe Panel Assembly Phase 7
	818836	1	Cold Rolled Steel Toe Panel with Coin Phase 7.3 Bottom Control



Parts List

DETAIL 1 – Drive Motor Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	152004	4	5/16-18 Hex Nut
2	153002	4	5/16" Split Lock Washer
3	153001	4	5/16" Flat Washer
4	884343	1	60 Hz Drive Motor with Sheave
	887070	1	50 Hz Drive Motor with Sheave
	131819	1	120V Reversing Relay Phase 8
	131818	1	208-240V Reversing Relay Phase 8
5	154321	1	5/16-24 x 3/8" Alan Setscrew Blk
6	185001	1	60 Hz Motor Sheave
	185000	1	50 Hz Motor Sheave
7	818200	1	Motor Base Assembly

DETAIL 2 – Electrical Control Box (Phase 7 Only)

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	151000	2	#6-32 Pal Nut
2	318877	1	Front Electrical Box
3	818960	1	120V Transformer Assembly
4	153032	4	Nylon 6/6 Washer for #6 Screw
5	136008	1	Fuse Block 3AG, 30-Amp/300V
6	136057	1	0.5-Amp/250V/3AG Slo-Blo Fuse
7	120731	1	30-Position A-E Terminal Block
8	150002	2	#6-32 x 1" Round Head Machine Screw
9	136053	1	5-Amp/250V/3AB Slo-Blo Fuse
10	131932	1	Relay SPST 24V
11	150331	2	#8-18 x 1/2" T20 TORX Screw

DETAIL 3 – S.A.F.E. Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	143025	1	3/8" x 3/4" N.P.T. Nylon Hose Adaptor
2	143155	2	3/8" Brass Street Elbow
3	143182	1	3/4" GHT x 1/8" x 3/8" N.P.T. Brass Tee
4	319231	1	Valve Bracket
5	150331	2	#8-18 x 1/2" T20 TORX Screw
6	165119	1	Water Inlet Valve Phase 7
	165120	1	Water Valve 24VDC Phase 8
7	318422	1	Bracket
8	143581	1	3 GPM 3/8" N.P.T. Spray Nozzle
9	824081	1	R.C. Network with Connectors
10	143251	1	3/8" M.P.T. Brass Plug
11	143220	1	3/8" F.P.T. Brass Tee
12	143303	1	3/8" N.P.T. Brass Locknut
13	136987	1	Water Jet Pressure Switch

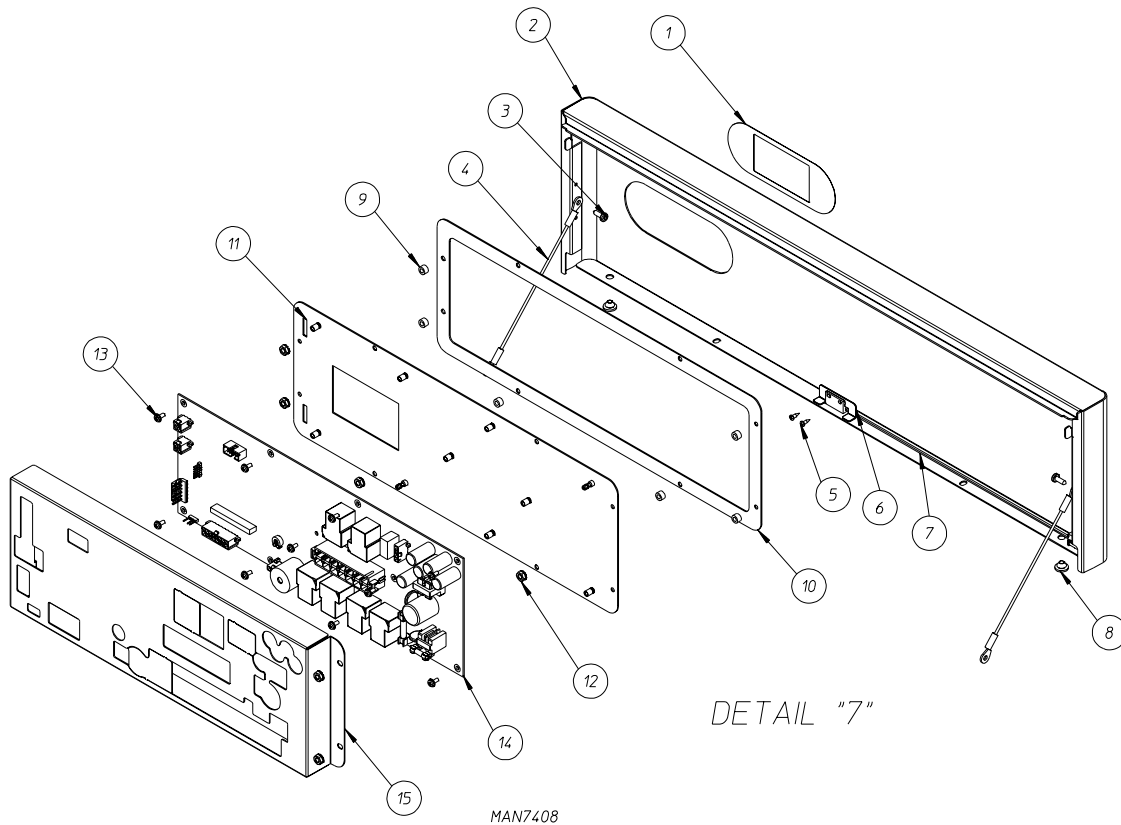
DETAIL 4 – Lint Box / Blower Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	122003	1	Lint Door Switch Phase 7
	122002	1	Lint Door Switch Phase 8
2	818803	1	Lint Box Assembly
3	318866	1	4 Circuit Connector Plate
4	150331	2	#8-18 x 1/2" T20 TORX Screw
5	318224	1	Blower Housing
		1	Rear Support Bracket
6	818725	1	Blower Housing
	185139	1	Blower Housing as of April 6, 2006
	818934	1	Phase 7 Blower Motor Assembly 200-240V
	818376	1	Phase 7 Blower Motor Assembly 120V
	818975	1	Phase 8 Blower Motor Assembly 120V
	819277	1	Phase 8 Blower Motor Assembly 208-240V
7	153049	4	Washer
8	153024	4	#10 Split Lock Washer
9	152008	4	#10-32 Hex Nut
10	100638	1	8 MFD Capacitor (120V) Phase 8
	100633	1	6 MFD Capacitor (208-240V) Phase 7 and Phase 8
	100623	1	25 MFD Capacitor (120V) Phase 8
11	117605	1	1/4" x 3/8" Neo. Sponge Tape
12	117604	1	1/8" x 3/8" Neo. Sponge Tape
13	818207	1	Temp Sensor Assembly Phase 7
	818986	1	Temp Sensor Assembly Phase 8
14	154007	2	1/4" Push-On Fastener
15	117604	1	1/8" x 3/8" Neo. Sponge Tape
16	819347	1	Lint Box Top Stud Assembly
17	130122	1	160° F Manual Reset Hi-Limit

DETAIL 5 – Gas Train Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
	818754	1	120V 60 Hz Gas Train Assembly Phase 7
	818823	1	240V 60 Hz Gas Train Assembly Phase 7
	818891	1	120V 60 Hz Gas Train Assembly Phase 8
	132029	1	350VA Autotransformer Multitap (208-240V) Phase 7 and Phase 8
1	183143	1	Burner Cone Black
2	150331	2	#8-18 x 1/2" T20 TORX Screw
3	183112	1	Thermostat, Gas Hi-Limit
4	128910	1	Globar®
5	185063	1	Ignitor Bracket
6	183144	1	Burner Tube
7	114117	1	120V 60 Hz Gas Valve Label
8	128944	1	25M Gas Valve 120 VAC 60 Hz
	128907	1	25M Gas Valve 120V 50 Hz
	884110	1	"M" Valve 40K Btu Liquid Propane Kit
9	141318	1	3/8" 90° Gas Union Shutoff
10	183141	1	Burner Base
11	318979	1	Gas Train Support Bracket
12	140873	1	Gas #30 Burner Orifice
13	130500	1	Radiant Control
14	185179	1	Gas Pipe
15	318835	1	Gas Pipe Bracket
16	154356	1	U-Bolt with Nuts for 3/8" Pipe

Parts Diagram / List



DETAIL 6 – Electric Oven Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
	818896	1	Electric Oven Assembly Phase 7
	819338		208V Electric Oven Assembly Phase 8
	136057		Fuse 0.5-Amp Slo-Blo Phase 8
	141403		Transformer 40VA Phase 8
1	130400	1	Oven Hi-Limit
	130123		300° Sensor (Below Hi-Limit)
2	120089	1	Oven Element
3	153024	4	Split Washer
4	152008	4	Hex Nut
5	131368	1	25-Amp 24V Oven Contactor
6	824801	1	R.C. Network
7	318304	1	Electric Oven Housing
	819676	1	Transformer Assembly Phase 8 Mfd. as of February 22, 2006

DETAIL 7 – Phase 8 Control Panel Assembly

<u>Illus. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	112587	1	Phase 8 Coin Keypad
	112586	1	Phase 8 Non-Coin Keypad
2	819510	1	Phase 8 Top Control Panel Coin
	819660	1	Phase 8 Top Control Panel Non-Coin
	819657	1	Cold Rolled Steel Non-Coin Bottom Control Panel
	185108	1	Toe Panel for Top Controls (Specify Color)
	819635	1	Cold Rolled Steel Top Panel for Bottom Controls
	122200		Program Switch (Coin Only)
	160038	1	Control Door Lock Only (Coin Only)
	160140	1	Key Only for XX4451 Lock (Coin Only)
	887041		Phase 8 Optic Switch
	818213		Phase 8 Coin Acceptor Assembly
3	150331	2	T20 TORX Screw
4	121530	2	Strain Relief Cable
5	150329	2	#4 x 3/8" Phillips Screw
6	319115	1	Door Switch Bracket
7	819196	1	Phase 8 Door Switch Assembly
8	102367	2	Stem Bumper
9	154339	8	3/8" x 1-1/2" (5/16-18) Screw
10	319858	8	Spacer Plate
11	819658	1	Phase 8 CB Mount
12	153073	8	#8-32 KEPS Nut
13	152022	8	#6-32 x 5/16" Cone Screw
14	137279	1	Phase 8.3 Computer Board
15	350250	1	Phase 8 Computer Board Cover

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